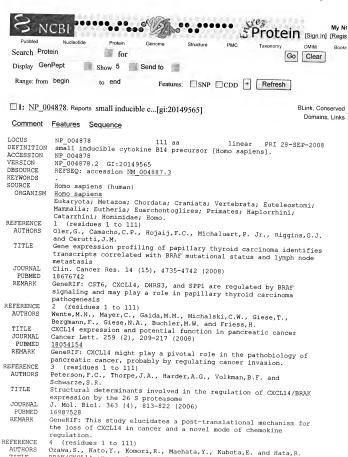
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Books



BRAK/CXCL14 expression suppresses tumor growth in vivo in human

oral carcinoma cells

TITLE

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JOURNAL
             Biochem. Biophys. Res. Commun. 348 (2), 406-412 (2006)
    PUBMED
             16884687
             GeneRIF: results indicate that BRAK/CXCL14 is a chemokine, having
   REMARK
             suppressive activity toward tumor progression of oral carcinoma in
 REFERENCE
             5 (residues 1 to 111)
   AUTHORS
             Kato, N., Ji, G., Wang, Y., Baba, M., Hoshida, Y., Otsuka, M.,
             Taniquchi, H., Moriyama, M., Dharel, N., Goto, T., Shao, R.X.,
             Matsuura, T., Ishii, K., Shiina, S., Kawabe, T., Muramatsu, M. and
             Omata, M.
   TITLE
             Large-scale search of single nucleotide polymorphisms for
             hepatocellular carcinoma susceptibility genes in patients with
             hepatitis C
   JOURNAL.
             Hepatology 42 (4), 846-853 (2005)
    PUBMED
             16175604
   REMARK
             GeneRIF: Observational study of gene-disease association. (HuGE
             Navigator)
 REFERENCE
             6 (residues 1 to 111)
  AUTHORS
             Kurth, I., Willimann, K., Schaerli, P., Hunziker, T., Clark-Lewis, I.
             and Moser, B.
  TITLE
             Monocyte selectivity and tissue localization suggests a role for
             breast and kidney-expressed chemokine (BRAK) in macrophage
             development
            J. Exp. Med. 194 (6), 855-861 (2001)
  JOURNAL
   PUBMED
             11561000
REFERENCE
             7 (residues 1 to 111)
  AUTHORS
            Cao, X., Zhang, W., Wan, T., He, L., Chen, T., Yuan, Z., Ma, S., Yu, Y. and
            Chen.G.
            Molecular cloning and characterization of a novel CXC chemokine
  TITLE
            macrophage inflammatory protein-2 gamma chemoattractant for human
            neutrophils and dendritic cells
  JOURNAL
            J. Immunol. 165 (5), 2588-2595 (2000)
           10946286
   PUBMED
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               (residues 1 to 111)
            8
  AUTHORS
           Simpson, J.C., Wellenreuther, R., Poustka, A., Pepperkok, R. and
            Wiemann, S.
  TITLE
            Systematic subcellular localization of novel proteins identified by
            large-scale cDNA sequencing
  JOURNAL
            EMBO Rep. 1 (3), 287-292 (2000)
            11256614
   PUBMED
REFERENCE
               (residues 1 to 111)
  AUTHORS
            Frederick, M.J., Henderson, Y., Xu, X., Deavers, M.T., Sahin, A.A.,
            Wu, H., Lewis, D.E., El-Naggar, A.K. and Clayman, G.L.
            In vivo expression of the novel CXC chemokine BRAK in normal and
  TITLE
            cancerous human tissue
  JOHRNAL.
            Am. J. Pathol. 156 (6), 1937-1950 (2000)
   PUBMED
            10854217
REFERENCE
            10 (residues 1 to 111)
  AUTHORS
            Hromas, R., Broxmeyer, H.E., Kim, C., Nakshatri, H., Christopherson, K.
            II, Azam, M. and Hou, Y.H.
  TITLE
            Cloning of BRAK, a novel divergent CXC chemokine preferentially
            expressed in normal versus malignant cells
  JOURNAL
            Biochem. Biophys. Res. Commun. 255 (3), 703-706 (1999)
   PUBMED
            10049774
COMMENT
            REVIEWED REFSEQ: This record has been curated by NCBI staff. The
            reference sequence was derived from BC003513.1, AF144103.1 and
            On Apr 15, 2002 this sequence version replaced gi:4757870.
            Summary: This gene belongs to the cytokine gene family which encode
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secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. [provided by RefSeq].

Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

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FEATURES Location/Qualifiers
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/db_xref="taxon:9606" /chromosome="5" /map="5g31"

Protein 1..111

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/note="CXC chemokine in breast and kidney; small inducible

cytokine subfamily B (Cys-X-Cys), member 14 (BRAK)"

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/calculated_mol_wt=3677 mat peptide 35..111

/product="small inducible cytokine B14"

/calculated_mol_wt=9419

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ORIGIN

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Last update; Thu, 03 Jul 2008 Rev. 132917